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ZTE CDMA 1X Card User Guide

（Version: V4.2C-TY）

This user guide applies to the ZTE CDMA 1X card of MC315/MC315+, MG166, and MG466.

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If there is anything unclear in this manual, please contact us or our agent or seller.

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1. Introduction

ZTE CDMA 1X card fits into a standard Type II PC Card slot (available on most notebook PCs) and can function as a wireless network card, a modem, and a mobile phone. This card allows you to connect to the Internet, send and receive SMS messages, and make phone calls, without the need of a network cable or phone line.

With the design of the R-UIM card separate from the body, ZTE CDMA 1X card can make the operation more flexible.

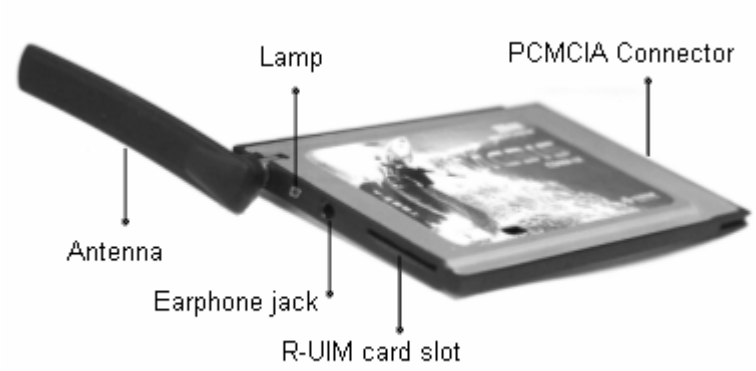
2. Specifications

Model / Item	MC315	MC315+	MG166	MG466
Transmit Frequency	824~849MHz	824~849MHz	1850~1910MHz	452.5~457.5MHz
Receive Frequency	869~894MHz	869~894MHz	1930~1990MHz	462.5~467.5MHz
Freq. Stability	FA±300Hz			
Dimension	86*54*5 mm			
Weight	33g			
Data Transmission	MAX 153.6 kbps			
Voltage	3.3V from PCMCIA Slot			
Current	Dormancy: 90mA Maximum: 850mA			
Transmitter Power	200mW			

3. Care for your card

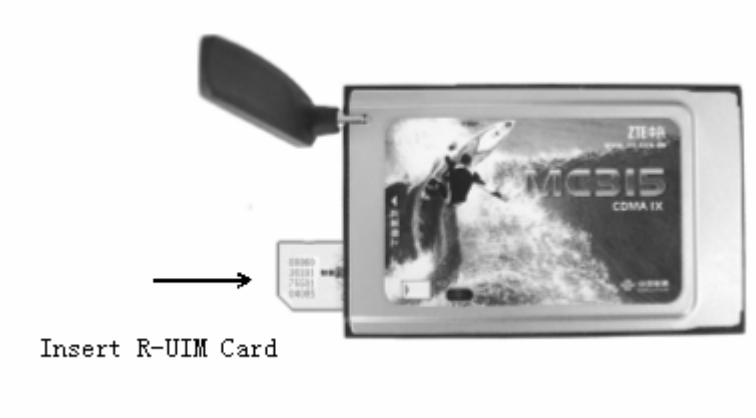
- Protect the card from liquids, dust, and excessive heat.
- Optimal signal strength is usually obtained when the antenna is perpendicular to the card. The antenna should bend easily. Do not forcefully bend the antenna or plugs the antenna in and out ZTE CDMA 1X card frequently. ZTE shall not be held responsible for the loss due to user's disoperation.
- The ZTE CDMA 1X card should fit easily into your PC slot. Forcing the card into a slot may damage connector pins.
- Do not operate the ZTE CDMA 1X card near any equipment which may be susceptible to electromagnetic interference.

4. Features



Your ZTE CDMA 1X card may need R-UIM card. Contact your provider to get the information about if your ZTE CDMA 1X card need or need not the R-UIM card. Please insert the R-UIM card to your ZTE CDMA 1X card if it needs.

Insert R-UIM card to ZTE CDMA 1X card (only for those who need R-UIM card)



Note:

When ZTE CDMA 1X card is started, the lamp is in YELLOW. After a few seconds, the ZTE CDMA 1X card will ready to work, the lamp is in GREEN.

If you want to remove ZTE CDMA 1X card from your computer, press the ejector to remove ZTE CDMA 1X card from the slot,do not pull the card out by the antenna.

5. Setup and Uninstall

5.1 System Requirements

The ZTE CDMA 1X card is supported on:

- Windows 98
- Windows 2000
- Windows Me
- Windows XP

To install the ZTE CDMA 1X card, you will require these system resources at the minimum:

CPU	Pentium-II/233MHz
Card Slots	1 Type II PCMCIA (PC Card) Slot
Disk Drive	CD-ROM (for installation only)
Memory	64 MB
Disk Space	30 MB

5.2 Setup for Windows 2000

5.2.1 Setup

Note:

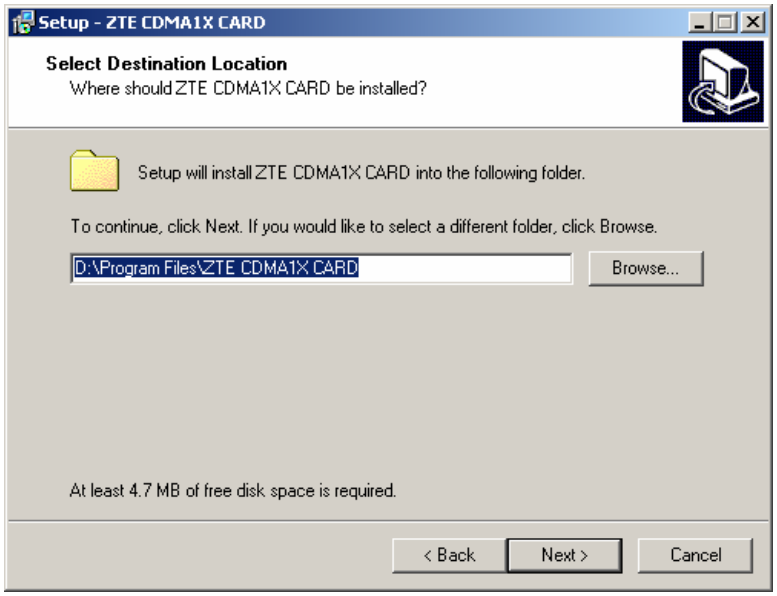
Don't insert the ZTE CDMA 1X card before setup.

1. Please find "autosetup.exe" first in ZTE CDMA 1X card CD, and double click the icon of autosetup.exe, then choose "English" when the picture displayed in the screen.

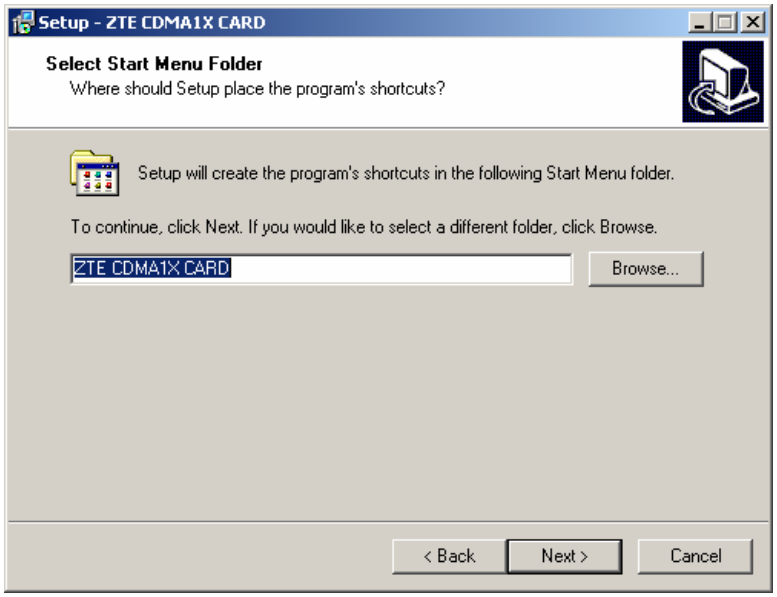
2. When you see this window, please click “Next”.

Setup - ZTE CDMA1X CARD
Welcome to the ZTE CDMA1X CARD Setup Wizard
This will install ZTE CDMA1X CARD on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

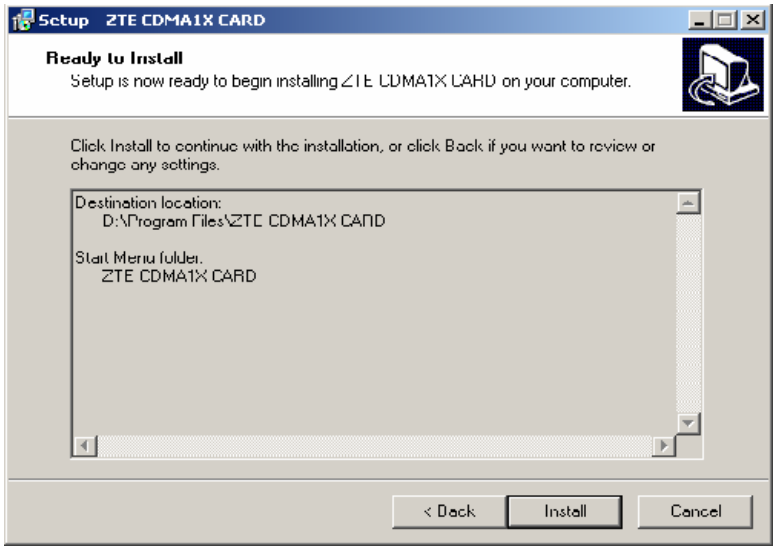
3. Select the location where the program is to be installed, then click “Next”.


Setup - ZTE CDMA1X CARD
Select Destination Location
Where should ZTE CDMA1X CARD be installed?
Setup will install ZTE CDMA1X CARD into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
D:\Program Files\ZTE CDMA1X CARD
Browse...
At least 4.7 MB of free disk space is required.
< Back
Next >
Cancel

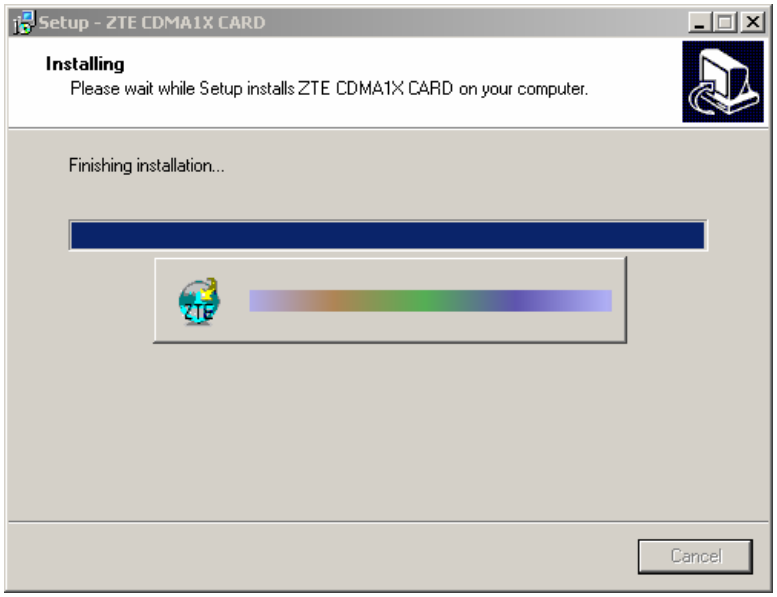
4. Select start menu folder, then click “Next”.


Setup - ZTE CDMA1X CARD
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
ZTE CDMA1X CARD
Browse...
< Back
Next >
Cancel

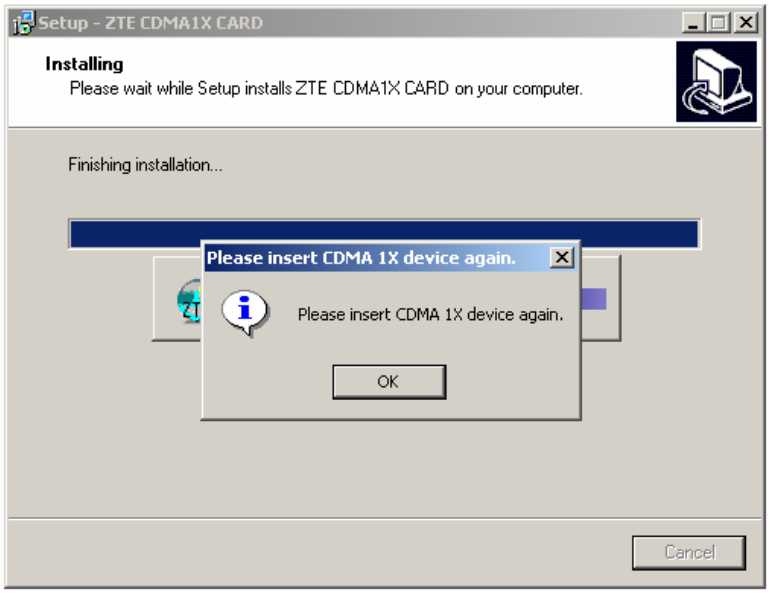
5. When you see this window, please click “Install”.


Setup ZTE CDMA1X CARD
Ready to Install
Setup is now ready to begin installing ZTE CDMA1X CARD on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
D:\Program Files\ZTE CDMA1X CARD
Start Menu folder:
ZTE CDMA1X CARD
< Back
Install
Cancel

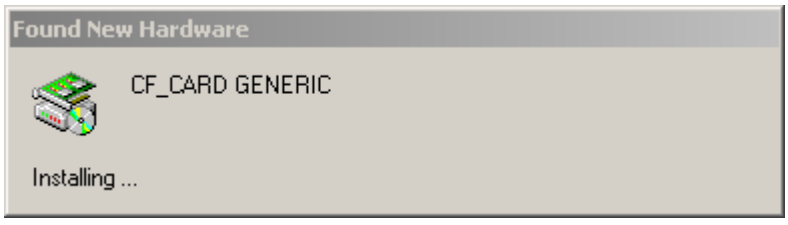
6. Please wait.


Setup - ZTE CDMA1X CARD
Installing
Please wait while Setup installs ZTE CDMA1X CARD on your computer.
Finishing installation...
Cancel

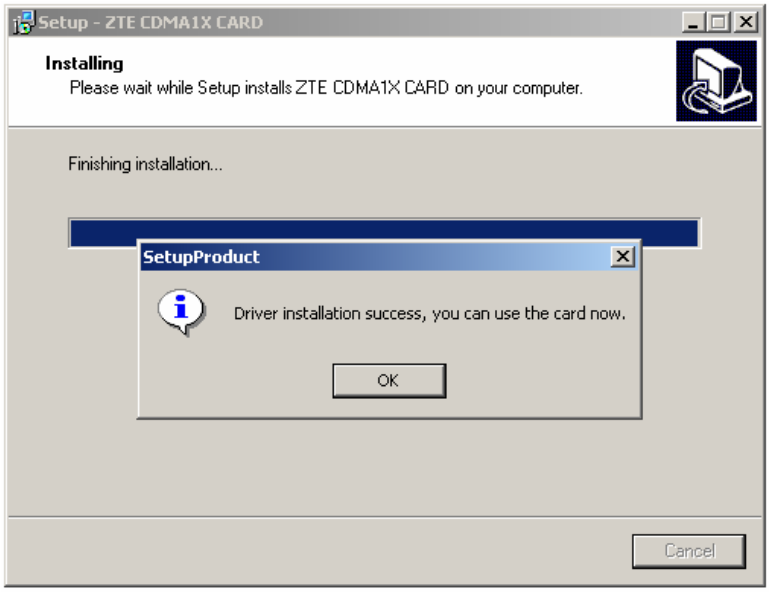
7. Please insert the ZTE CDMA 1X card. (If your card is in the slot, please insert the card again)


Setup - ZTE CDMA1X CARD
Installing
Please wait while Setup installs ZTE CDMA1X CARD on your computer.
Finishing installation...
Please insert CDMA 1X device again.
Please insert CDMA 1X device again.
OK
Cancel

8. Please wait for updating the driver.



9. You can see the window when driver installed successfully. Click “OK”.



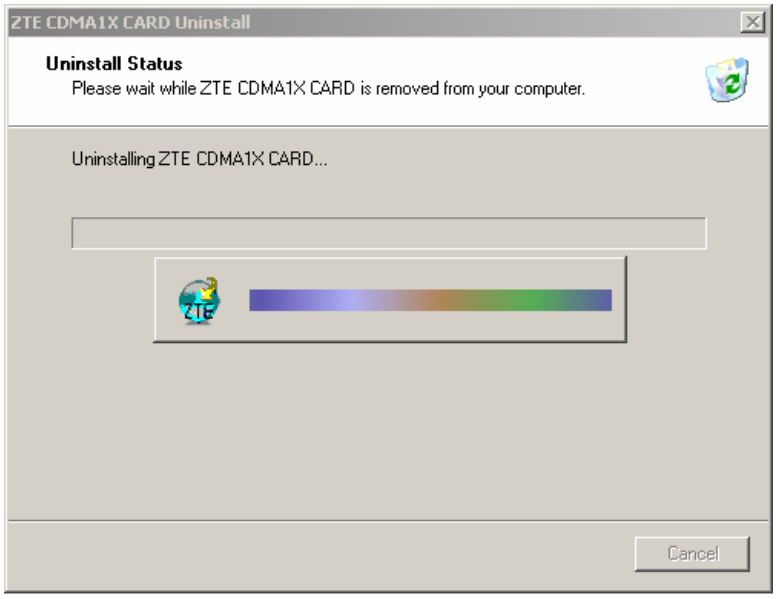
10. Click “Finish” to close the last screen of the wizard. Now you can start the application for ZTE CDMA 1X card.

Setup - ZTE CDMA1X CARD
Completing the ZTE CDMA1X CARD Setup Wizard
Setup has finished installing ZTE CDMA1X CARD on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Finish

5.2.2 Uninstall

1. Select Start -> Programs -> ZTE CDMA1X CARD -> Uninstall ZTE CDMA1X CARD. You will be asked if uninstall the card. Click “Yes”.

2. Please wait.


ZTE CDMA1X CARD Uninstall
Uninstall Status
Please wait while ZTE CDMA1X CARD is removed from your computer.
Uninstalling ZTE CDMA1X CARD...
Cancel

3. Click “OK” when you are notified that uninstall is complete.

ZTE CDMA1X CARD Uninstall
ZTE CDMA1X CARD uninstall complete.
Some elements could not be removed. These can be removed manually.
OK

5.3 Setup for Windows XP

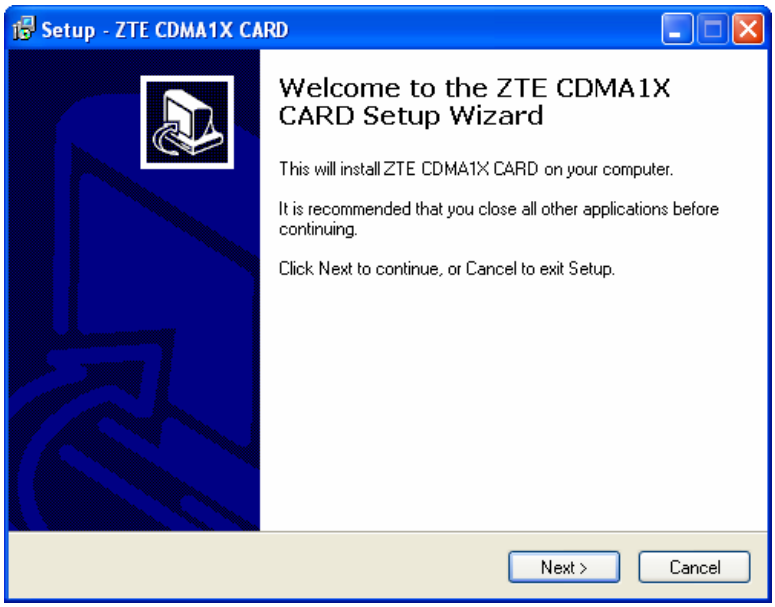
5.3.1 Setup

Note:

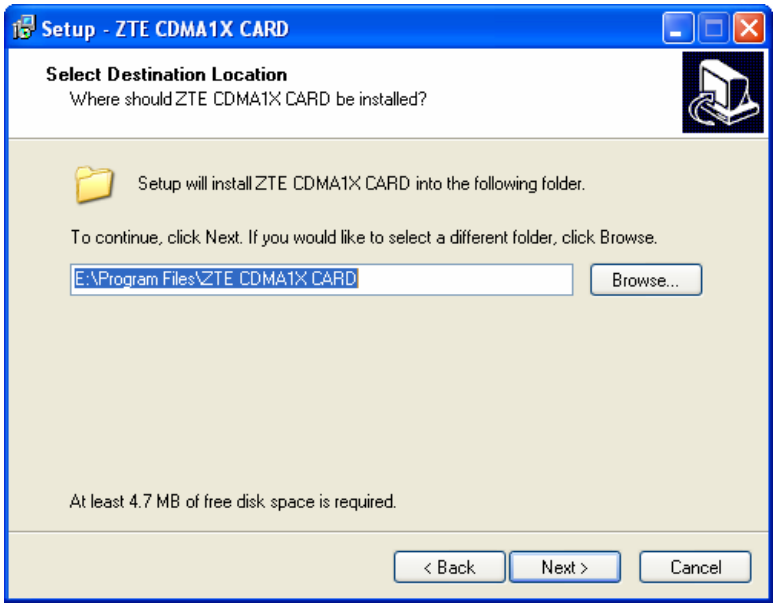
Don't insert the ZTE CDMA 1X card before setup.

1. Please find "autosetup.exe" first in ZTE CDMA 1X card CD, and double click the icon of autosetup.exe, then choose "English" when the picture displayed in the screen.

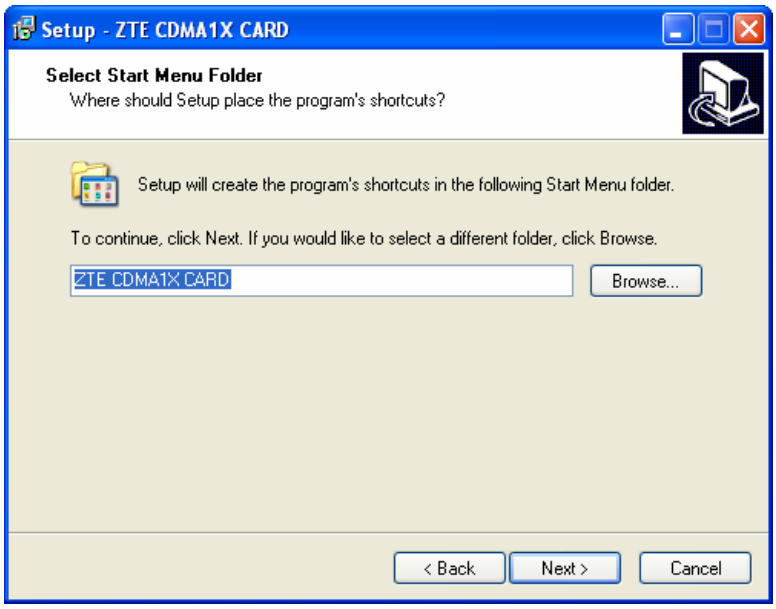
2. When you see this window, please click "Next".


Setup - ZTE CDMA1X CARD
Welcome to the ZTE CDMA1X CARD Setup Wizard
This will install ZTE CDMA1X CARD on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

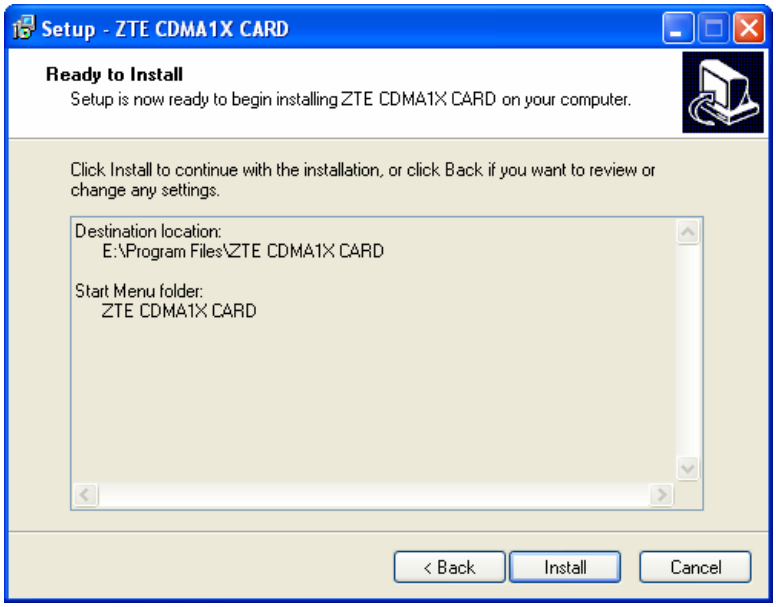
3. Select the location where the program is to be installed, then click “Next”.


Setup - ZTE CDMA1X CARD
Select Destination Location
Where should ZTE CDMA1X CARD be installed?
Setup will install ZTE CDMA1X CARD into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
E:\Program Files\ZTE CDMA1X CARD
Browse...
At least 4.7 MB of free disk space is required.
< Back
Next >
Cancel

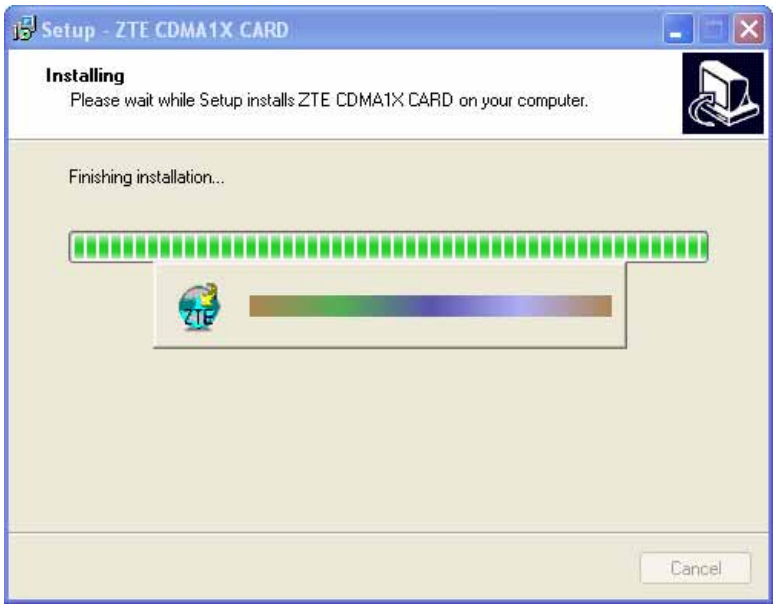
4. Select start menu folder, then click “Next”.


Setup - ZTE CDMA1X CARD
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
ZTE CDMA1X CARD
Browse...
< Back
Next >
Cancel

5. When you see this window, please click “Install”.


Setup - ZTE CDMA1X CARD
Ready to Install
Setup is now ready to begin installing ZTE CDMA1X CARD on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
E:\Program Files\ZTE CDMA1X CARD
Start Menu folder:
ZTE CDMA1X CARD
< Back
Install
Cancel

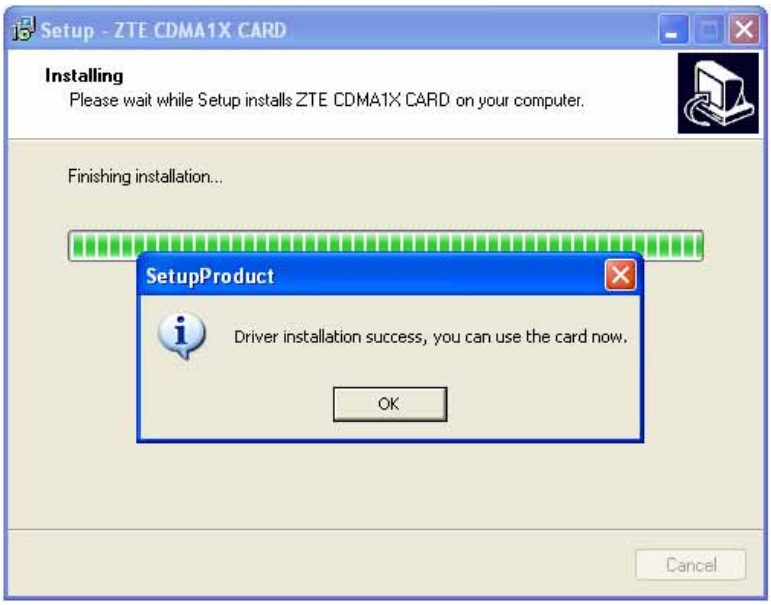
6. Please wait.


Setup - ZTE CDMA1X CARD
Installing
Please wait while Setup installs ZTE CDMA1X CARD on your computer.
Finishing installation...
Cancel

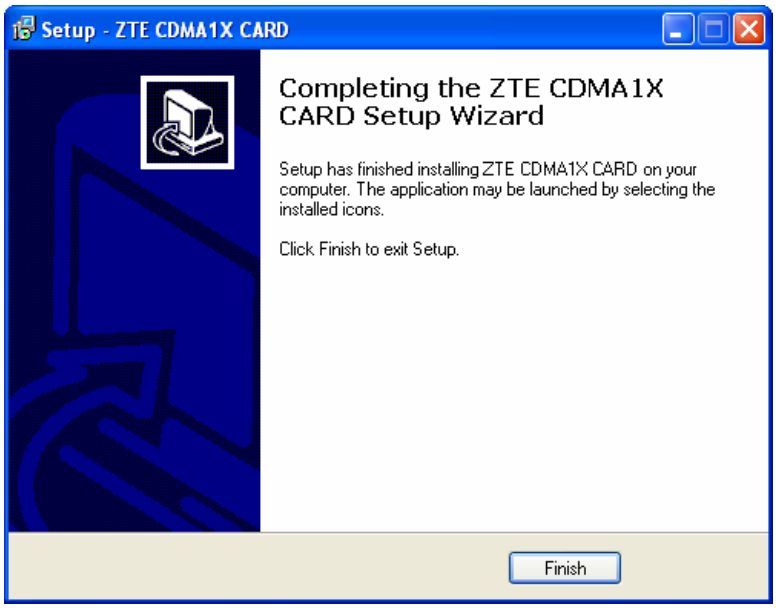
7. Please insert the ZTE CDMA 1X card. (If your card is in the slot, please insert the card again)

Setup - ZTE CDMA1X CARD
Installing
Please wait while Setup installs ZTE CDMA1X CARD on your computer.
Finishing installation...
Please insert CDMA 1X device again.
Please insert CDMA 1X device again.
OK
Cancel

8. Please wait for updating the driver until this window appears. Click “OK”.



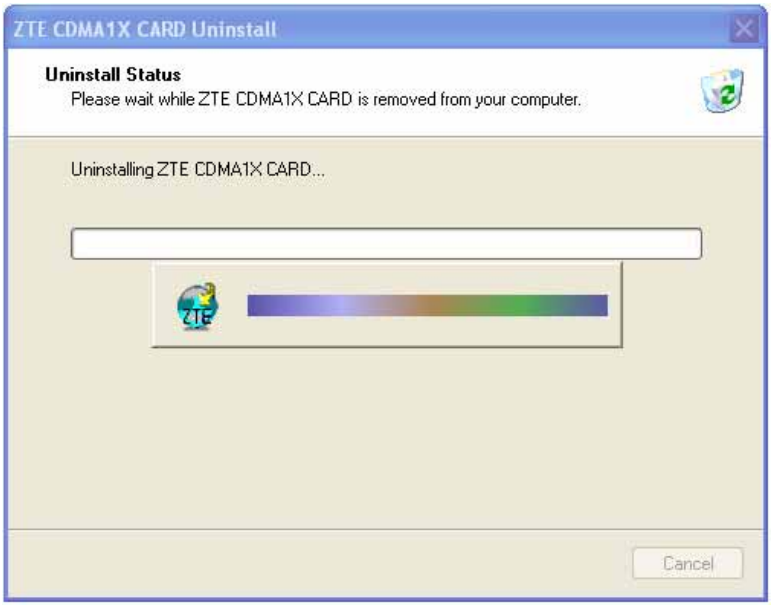
9. Click “Finish”. Now you can start the application for ZTE CDMA 1X card.


Setup - ZTE CDMA1X CARD
Completing the ZTE CDMA1X CARD Setup Wizard
Setup has finished installing ZTE CDMA1X CARD on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Finish

5.3.2 Uninstall

1. Select Start -> Programs -> ZTE CDMA1X CARD -> Uninstall ZTE CDMA1X CARD. You will be asked if uninstall the card. Click “Yes”.

2. Please wait.

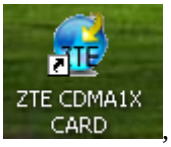

ZTE CDMA1X CARD Uninstall
Uninstall Status
Please wait while ZTE CDMA1X CARD is removed from your computer.
Uninstalling ZTE CDMA1X CARD...
Cancel

3. Click “OK” when uninstall is complete.

ZTE CDMA1X CARD Uninstall
ZTE CDMA1X CARD uninstall complete.
Some elements could not be removed. These can be removed manually.
OK

6. The Main Window and Icons

You can launch the program by:

- Double click 

, the icon of application for ZTE CDMA 1X card in the desktop.
- Or selecting Start -> Programs -> ZTE CDMA1X CARD -> ZTE CDMA1X CARD.

After initialization, the main window of the application will be displayed in the screen.
There are icons in the top of the main window. That indicates:

Connect/Disconnect

Connection record

Voice call

Call history

Write SMS

Read SMS

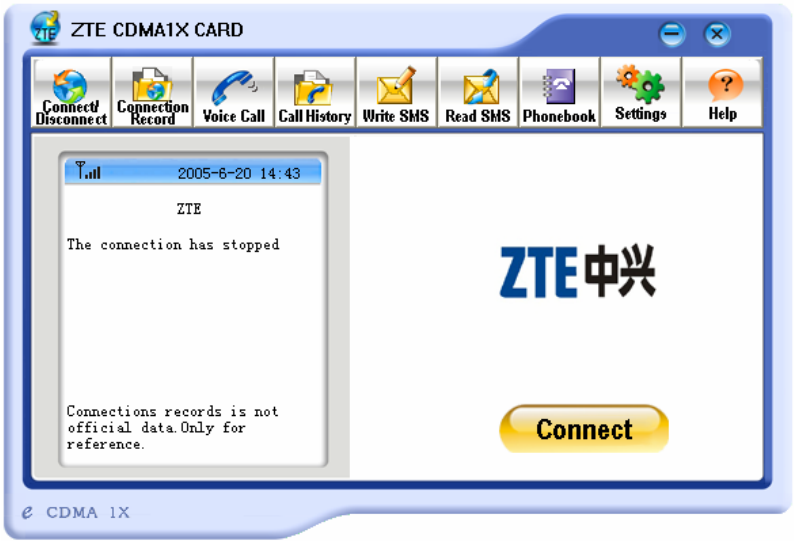
Phone Book

Settings

Help

Some features like **Voice call** , **Call history** , **Write SMS** , **Read SMS** , **Phone Book** may not be supported by your ZTE CDMA1X card , the corresponding icons will not appear in the main window. Please contact your provider or agent.

7. Connect/Disconnect



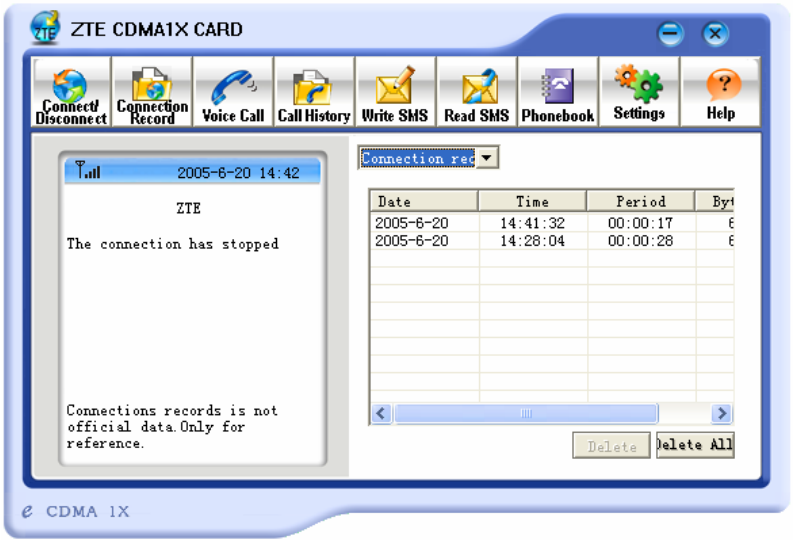
Connect to network:

1. Click “connect/disconnect” icon in main window.
2. Click “connect” button.

Disconnect:

1. Click “disconnect” button.

8. Connection Record



Note:

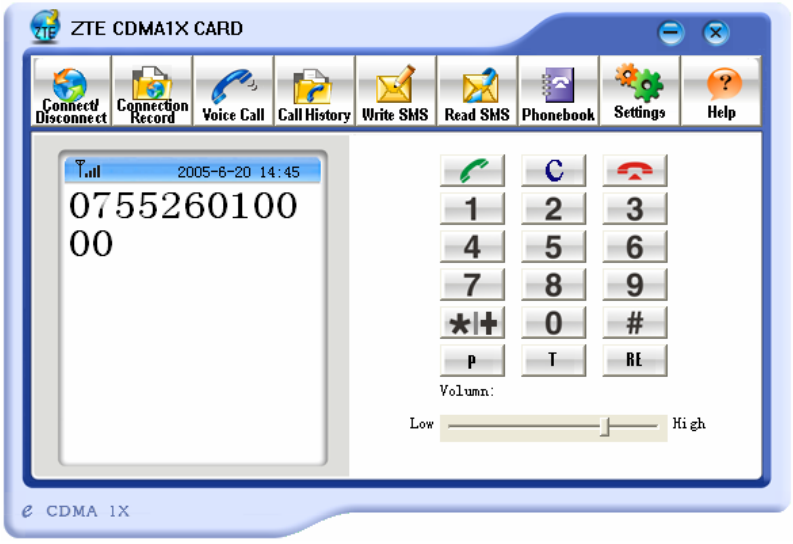
Connection Record is not official data. It's only for users' reference.

The connection record is displayed when you click the "Connection record" icon.

It records connect time and upload/download bytes for each connection. And it lists the monthly statistics.

9. Voice call

(If this feature is not supported by your ZTE CDMA1X card, please skip over this chapter.)



Note:

1. Please confirm your earphone is connected with the ZTE CDMA1X card when you want to make a voice call.
2. You can activate or deactivate the supplement services (call forward, call waiting etc.) by dialing the feature code. Please contact service provider for more detail.

The dialing pad for the card is displayed when you click the “Voice call” icon. This performs the same functions as the dialing pad on a mobile phone.

Make a call:

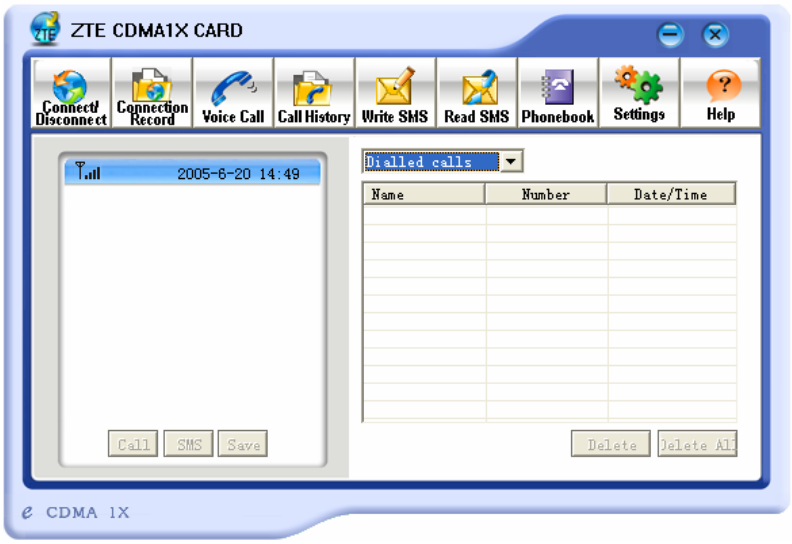
1. Plug the earphone in the ZTE CDMA 1X card if it is not plugged in the card.
2. Click “voice call” icon;
3. Enter the number you want to dial by either clicking the number buttons on the dial pad or typing the numbers on your keyboard.
4. Click button .

Answer a call:

1. Connect an earphone to the card, if one is not already connected.
2. Click button ..
3. Click button or press “ ESC ” key to end the call.

10.Call History

(If this feature is not supported by your ZTE CDMA1X card, please skip over this chapter.)

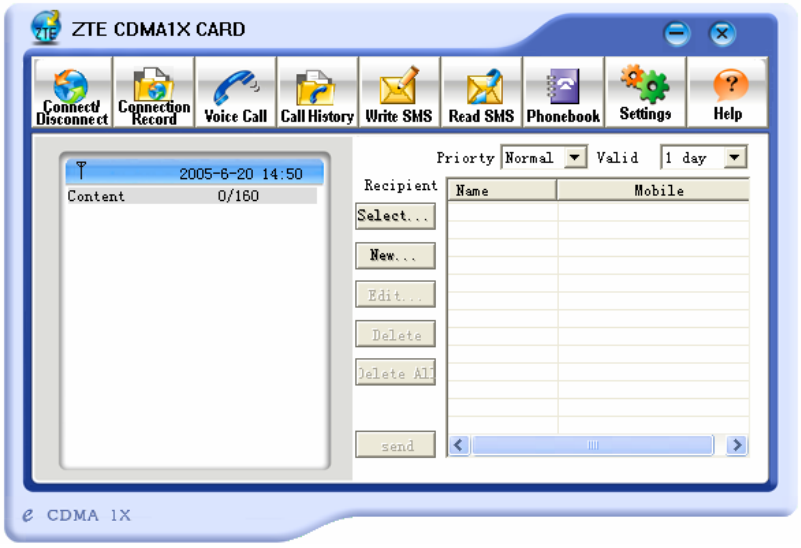


Call history maintains a record of your outgoing, incoming and missed calls.

You can add an entry to the Phone Book, make a call to a number contained in one of the call records, and send messages to a number contained in one of the call records.

11.Send Short Messages

(If this feature is not supported by your ZTE CDMA1X card, please skip over this chapter.)



To send SMS message:

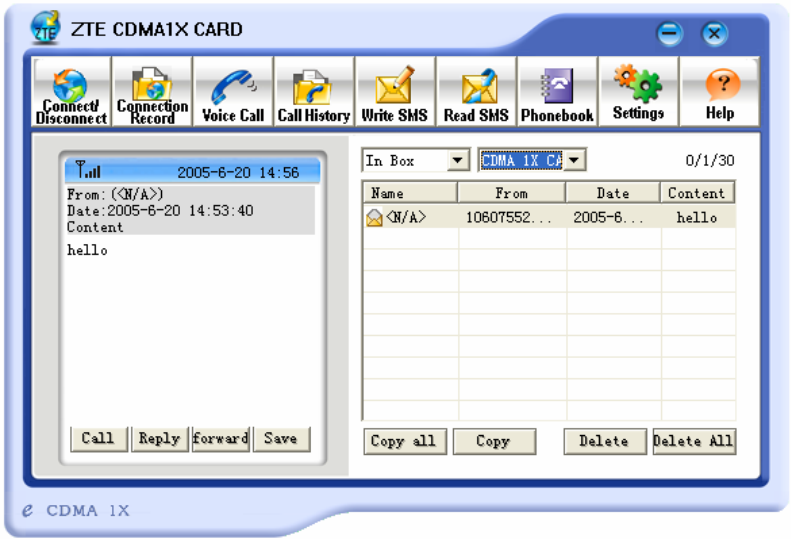
1. Click “Write SMS” icon in the window.
2. Input the message in the screen that is on the left screen of the window.
3. Click “NEW” button to enter the recipients for the message by typing the phone numbers. Or click “Select” button to enter recipients for the message by selecting from the phone book.
4. You can enter multiple recipients.
5. You can select “priority” and “valid period”.
6. Click “Send” button to send the message.

Note:

The successful sent message will be stored in outbox.

12.Read Short Messages

(If this feature is not supported by your ZTE CDMA1X card, please skip over this chapter.)



Incoming messages are stored in the Inbox. Outgoing messages are stored in the Outbox. In the Inbox or Outbox, you can view the messages, reply the messages, transfer the messages, and save the sender's number of the messages.

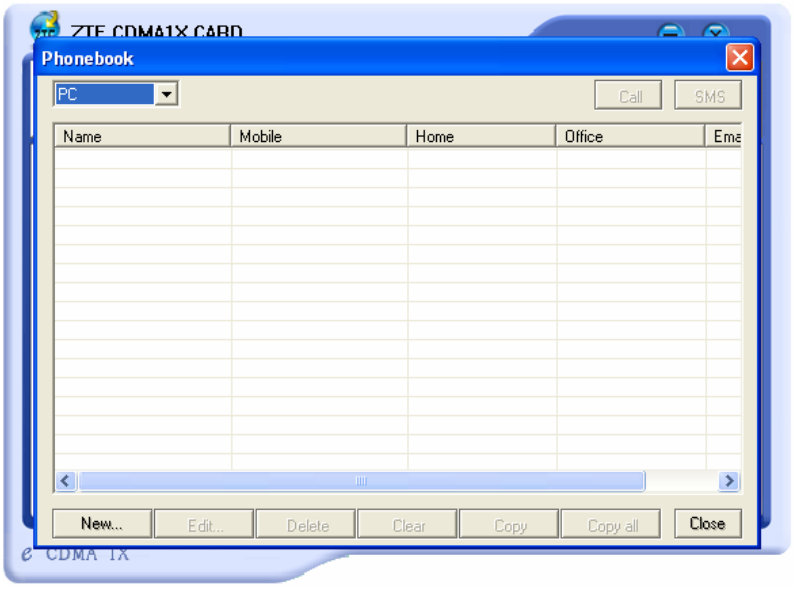
Messages store in PC or R-UIM card. You can copy them from one storage media to another by clicking "Copy" or "Copy all" button.

To read SMS messages:

1. Click "read SMS" icon in the window.
2. Select the Inbox or Outbox in the drop-down menu.
3. Click the message you want to read in the messages list that is in the right screen of the window.
4. You can view the content of the message in the left screen of the window.

13. Phone Book

(If this feature is not supported by your ZTE CDMA1X card, please skip over this chapter.)



The Phone Book provides a place to store the phone numbers and e-mail addresses of people you contact.

To open the Phone Book:

1. Click “phonebook” icon in the window. Then you’ll see the Phone Book window which lists the Phone Book entries.

To add an entry to the Phone Book:

1. Open the Phone Book.
2. Click “New” button in the window.
3. Enter the person’s name and any phone numbers and/or e-mail addresses in the Contact detail’s window.
4. Click “OK” to save the entry.

To dial a phone number in the Phone Book:

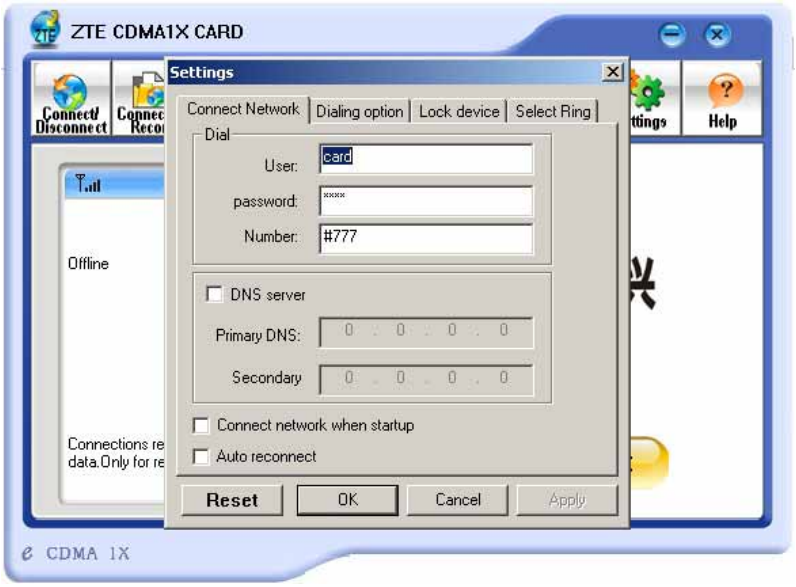
1. Select the entry in the Phone Book window.
2. Click “Call” button.

To send a message in the Phone Book:

1. Select the entry in the Phone Book window. You can make multi selection of phone numbers in Phone Book to make group messaging.
2. Click “SMS” button.

The Phone Book records can be stored in the PC or R-UIM card. You can copy them from one storage media to another by clicking “Copy” or “Copy all” button.

14.Settings



Connection settings:

You can set the network connection parameters.

The settings are different in various networks.

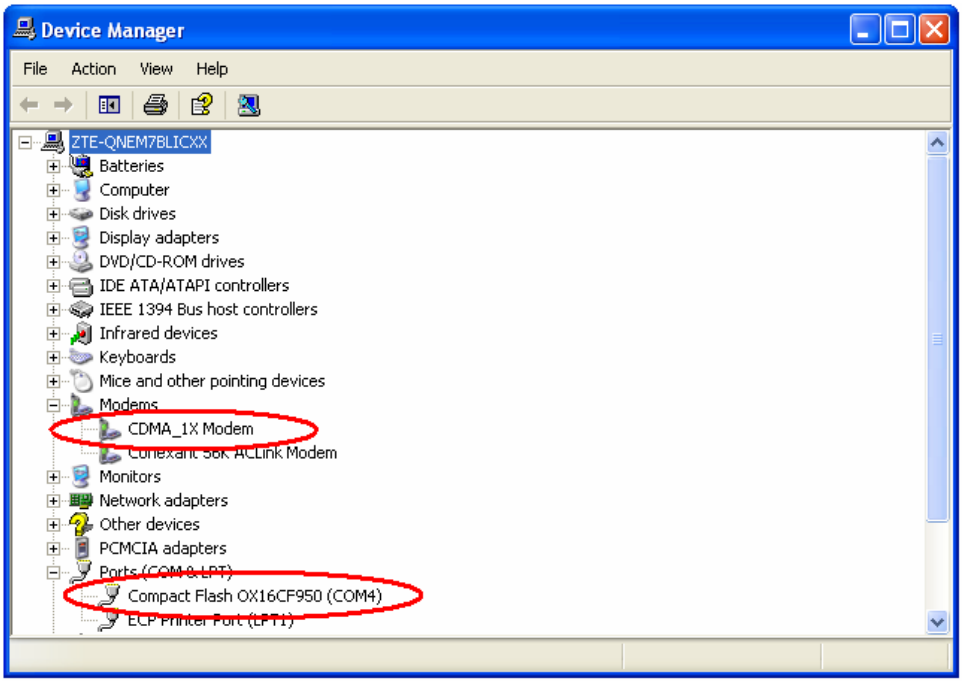
For example:

In China Unicom, they are:

1. User: card
2. Password: card
3. Number: #777

15. Trouble Shooting

When properly installed, you can find the port “Compact Flash OX16CF950” and the modem “CDMA_1X Modem” in your computer’s device manager.



If you can’t find the devices, uninstall the application and setup it again.

Symptoms	Possible causes	Suggestions
The window displays the message: “**Can not open the com port.**”	The ZTE CDMA 1X card is not in the slot.	Close the application and Re-insert the ZTE CDMA 1X card, then run the application again.
	Other application is using the ZTE CDMA 1X card. Such as “Hyper terminal”.	Close other applications. Then run the ZTE CDMA 1X card application.
The window displays the message: “**Can not found the R-UIM card. Please check whether the R-UIM card is touched well.**” (only for those who need R-UIM card)	The R-UIM card is not inserted in the ZTE CDMA 1X card.	Insert the R-UIM card in the ZTE CDMA 1X card.
	The R-UIM card is inserted on the wrong side.	Insert the R-UIM card according to the indicator in the ZTE CDMA 1X card.
	The R-UIM card error	Change R-UIM card .
No signal indicated	Antenna is not plugged in the ZTE CDMA 1X card	Plug the antenna in the ZTE CDMA 1X card

Symptoms	Possible causes	Suggestions
	Out of the network service area	Confirm it is in the CDMA network service area.
	Poor network signal	Reorientate your antenna
When attempting a dial-up data connection, window displays the message, "**An authentication event has occurred**"	User name or password is wrong.	Correct the settings. You can get the information from your service provider. e.g. In China Unicom, they are: User: card Password: card Number: #777
	Your account does not have enough money.	Put money into your account or Contact your service provider.
	Network is busy or has problem	Try again after a few minutes.

If the problems cannot be solved after the above handling, please

- Download the latest ZTE CDMA 1X card program at http://www.zteit.com and reinstall it.
- Call 800-830-8218 or feed back your information directly by sending emails to zte_mobile@zte.com.cn for customer service. We will reply to you as fast as possible and provide you with good after-sales services**.**